

50X1

March 20, 1959

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8-4179

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Dear Sir:

Per recent request of your technical monitor, we are submitting our proposal for the engineering, fabrication and testing of fifteen (15) SAD units.

Details of this program and the hardware involved are covered in the attached technical proposals.

We propose to perform this work on a cost-plus-fixed-fee, one-year contract basis. As shown in attached cost estimate sheet, we expect to incur expenses in the amount of \$26,000.00.

We appreciate the opportunity to quote on this work, and trust that our plans meet with your approval.

Very truly yours,

50X1

Chief Engineer
Research & Development Engineering

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THE DEPARTMENT OF THE ARMY
WASHINGTON, D. C. 20315

CONFIDENTIAL**PROPOSAL****SIGNAL ACTIVATED DEVICE**

Work Statement: Complete required engineering to fabricate and test fifteen prototype units based on designs of initial prototype unit, using techniques developed during manufacture, assembly, and test of this unit. The ME electronic portion of the SAD will not be supplied.

Operational Sequence: A signal from an electronic source initiates the operation of the watch movement driven printed circuit device and a recorder external of the device. This device determines the time of operation of the recorder providing time of recording for the external signal of 14, 20, or 5 minutes selectable at the option of the customer when originally setting up the device. It also provides for operation of a separate unit covered in another proposal which would give an indication of the time at which this operation occurred. This device is described in a report of progress of the experimental model, dated April 11, 1958 which is already in the hands of the customer.

Specification: Running Time: 24 hours, total run for one winding.

Power Source: External battery supply of 5.5 to 6.5 volts. Manually wound mainspring.

Stop Operations: Automatic at end of any recording period if no further signals are coming in.

Environment:StorageOperating

Temperature
Humidity

-40 plus 70°C
99 95% R.H. 4 hours

-30 plus 70°C
99 95% R.H.

Reports:

Bi-monthly reports will be written covering the progress of the work. A final report summarizing the work, relating conclusions and recommendations will also be written. Five copies of each report will be submitted.

Operating Instructions:

Fifty sets of operating instructions will be submitted.

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